


Review 1 face recognition system by using ML Python

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INTRODUCTION

- Automatic face recognition (AFR) technologies have made many improvements in the changing world.
- In my face recognition project, a computer system will be able to find and recognize human faces fast and precisely in images or videos that are being captured through a camera.
- Numerous algorithms and techniques will develop for improving the performance of face recognition but the concept to be implemented is Machine Learning.
- It helps in conversion of the frames of the video into images so that the face of the student can be easily recognized.
- **Face Recognition on Olivetti Dataset**



Problem Statement

- The face recognition system exhibits inconsistent accuracy, with varying success rates in different lighting conditions, angles, and facial expressions
- Designing systems that can scale effectively to accommodate large datasets and user bases



Functional Requirements

- Faces on an image must be detected.
- Store the cropped faces in a folder.
- Train faces for recognition.
- Display the name and ID of the output image down the image in the plot area.

Progress of work



Thinking on the design and UI of the software.



Reading some literature research papers and review on this what kind of work done on this project in past



Getting some ideas from google scholar for read some review and research papers



Taking some help from faculty



Reading some books about Machine learning

References

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Q&A





Thank you